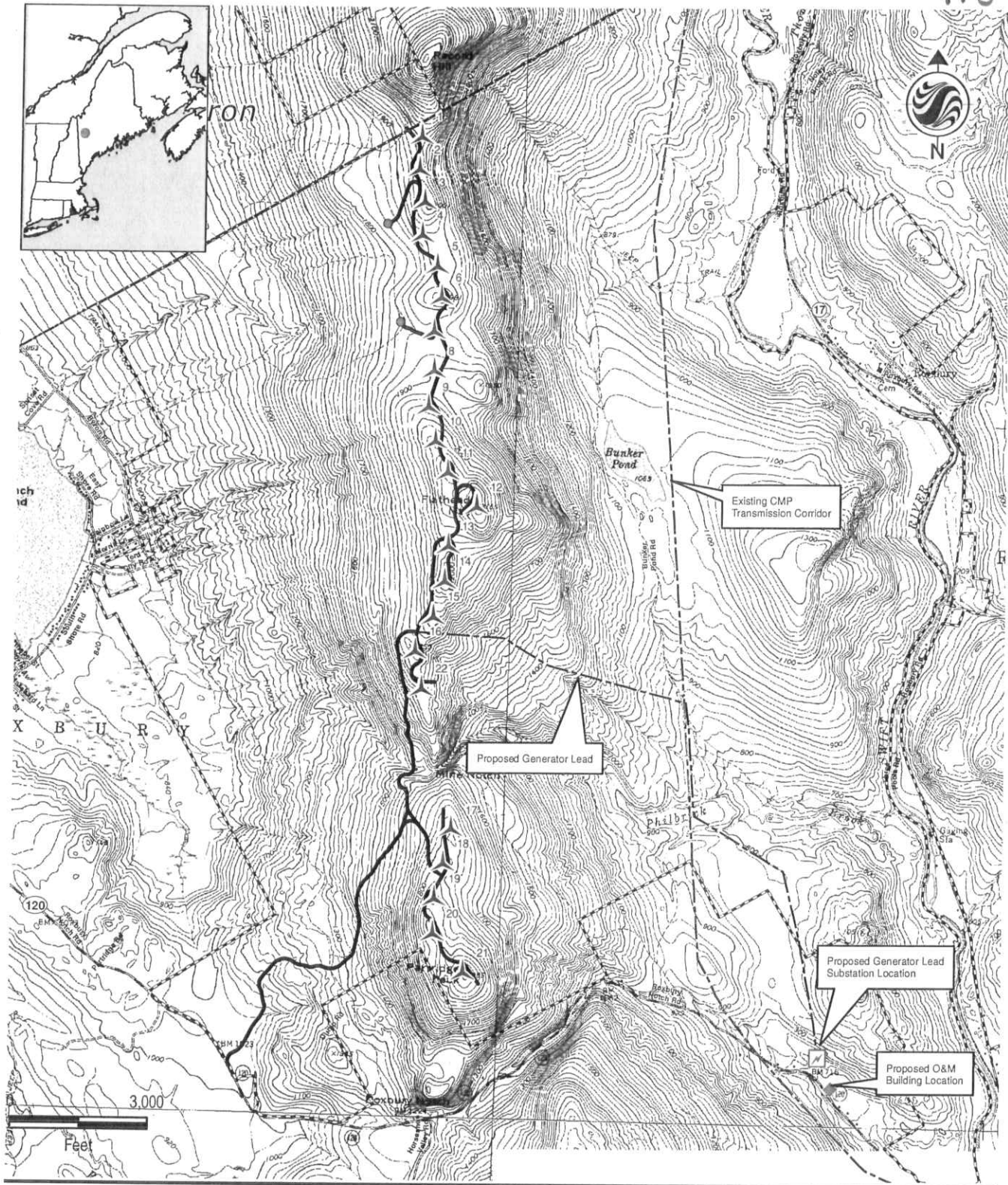


Record Hill Wind, LLC // Natural Resources Protection Act
Construction of 50.6 megawatt wind energy development - Roxbury

Excerpts from the Department's License Record – Statutory References

- Project Plans and Map



Stantec

00115-00-8.5x11_USGS_location.mxd

Stantec Consulting Services Inc.

30 Park Drive
Topsham, ME USA
04086

Phone (207) 729-1199

Fax: (207) 729-2715

www.stantec.com

Legend

-  Proposed Turbine
-  Proposed Access Roads and Crane Paths
-  Proposed Permanent MET Tower
-  Wagner Lands

Client/Project

Record Hill Wind, LLC
Record Hill Wind
Roxbury, Maine

Figure No.

Title

Project Site Map

July 22, 2009

1.0 Project Description

The Record Hill Wind Project (Project) is a 50.6-megawatt (MW) wind project located in Roxbury, Oxford County, Maine (Figure 1). The Project also includes electrical collection infrastructure, an electrical substation, and an Operations and Maintenance (O&M) Building. The Project also will construct two permanent 80-meter guyed meteorological towers on the project site to monitor wind turbine performance. The locations for these towers are identified on attached Figure 1, as well as Sheets C-100 and C-114 of the Civil Plans included in Exhibit 1.

The turbine portion of the Project consists of 22 Siemens SWT-2.3-93 turbines, each of which is capable of generating 2.3 MW. Each turbine is 80 meters (approximately 262 feet) to the center of the hub, and a total of 126.5 meters (approximately 415 feet) to the tip of a fully extended blade. All of the land utilized for the generation portion of the Project is located within property currently used for commercial forestry operations. The site contains developed logging roads that will be upgraded and used, where appropriate, to minimize clearing and wetland impacts.

Turbines are planned to be located in the town of Roxbury. Power from the 22 turbines will be collected in 34.5-kilovolt (kV) collector lines and delivered to a collector station located southeast of the main ridgeline. The majority of these collector lines will travel underground along the ridgeline and then move aboveground while traveling down-mountain. Once the collector lines reach the existing Central Maine Power Company (CMP)-owned electrical corridor at the base of the ridgeline, the collector line will turn south and travel cross-country to the collector station. The entire length of the generator lead (the portion of the line that travels aboveground) is approximately 2.9 miles. At the collector station, the power will be converted to 115 kV and passed to a new CMP substation for transmission to the regional market through transmission lines owned and operated by CMP. CMP will upgrade these lines prior to project operation. Required permit applications for the line upgrade will be submitted separately by CMP.

Environmental studies completed before filing include two seasons of avian and bat surveys; a breeding bird survey; wetland delineations of the proposed ridgeline turbine corridor, proposed access road corridors, and proposed electrical collection system, including a transmission line corridor and new substation; "in season" vernal pool surveys; and a rare, threatened, and endangered plant species survey. Additional reports and surveys include an analysis of historic architecture, Euro-American and Pre-Contact archaeology, visual impact analysis, shadow flicker analysis, sound analysis, and soils evaluation.

The final design for the Project includes approximately 31,221 square feet of wetland clearing and 10,689 square feet of wetland fill associated with the Project design. Approximately 12 percent of the wetland fill is a result of expanding the existing Mine Notch Road. In addition, there are three new and one expanded stream crossings resulting from the civil design. The generator lead crosses seven streams; none of these seven stream crossings propose any in-stream work.

2.0 Construction Plan

Construction is expected to take place in two phases, with the project fully operational in late 2010. The two-phased approach allows a construction schedule that maximizes the use of dry construction seasons and minimizes environmental impacts associated with spring-time construction. Construction of the project will generally follow the sequence of events detailed below.

Phase 1 – Fall-Winter 2009

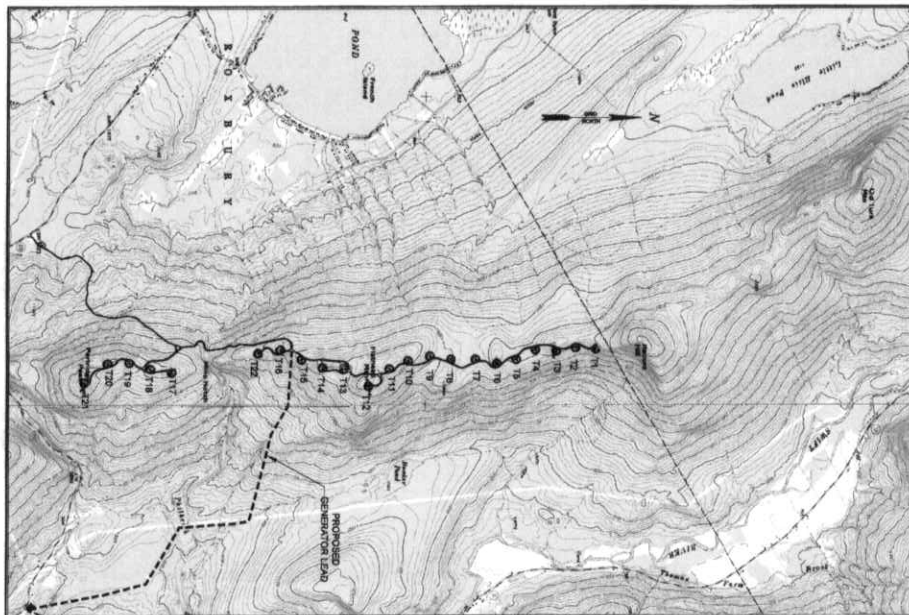
1. Mobilization and preliminary layout and staking of new road segments, turbine clearings, an O&M building, and a substation site.
Week 1 – Week 4

2. Commence clearing operations for roads, electrical collector lines, O&M building, and substation. Installation of erosion control measures in areas specified or required.
Week 3 – Week 8
3. Installation of erosion control measures in areas specified or required.
Week 4 – Week 15
4. Stumping, grubbing, and initial rough grading for roads and turbine laydown areas.
Week 5 – Week 16
5. Blasting as necessary and on-site stockpiling of reusable blasted bedrock/ledge.
Week 6 – Week 18
6. Stockpiling of imported road aggregate from local borrow pits (if required).
Week 7 – Week 19
7. Final grading for roads and turbine areas.
Week 7 – Week 20
8. Construction of turbine foundations and substation transformer pad.
Week 11 – Week 24
9. Depending on turbine delivery schedule, some installation of overhead/underground 34.5-kV on-site electrical collection system, including pad-mount transformers may take place in this phase. Steps not taking place in 2009 will instead begin during Week 1 of Phase 2.

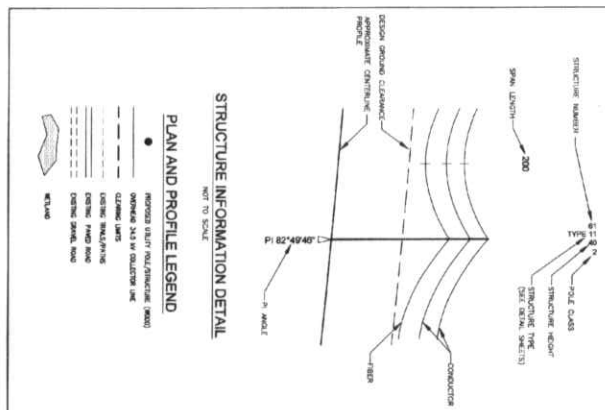
Week 13 – Week 30
Phase 2 – Summer 2010
10. Delivery of turbine components to individual turbine sites.
Week 1
11. Erection of base/mid-tower sections, assembly of rotors, erection of top tower section and nacelle, and erection of assembled rotor. Tower wiring, final cleaning, and final quality checks of wind turbine.
Week 2 – Week 20
12. Substation and O&M Building construction.
Week 6 – Week 21
13. Energization of substation and collection system with quality checks.
Week 22
14. Commissioning and testing of wind turbine generators and electrical interconnections.
Week 22-Week 30
15. Start of commercial operations.
Week 30
16. Reseeding of temporary cleared areas.
Week 20 – Week 32

1142

LOCATION PLAN SCALE: 1" = 2,000'



PROPOSED SUBSTATION



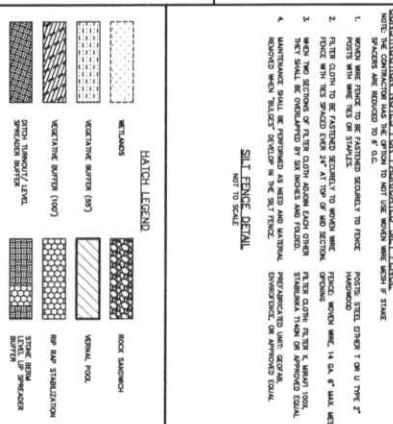
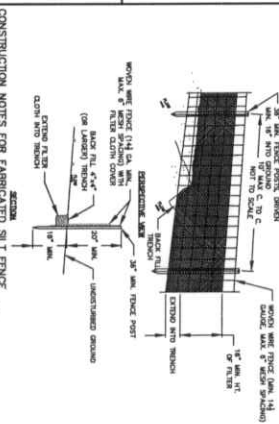
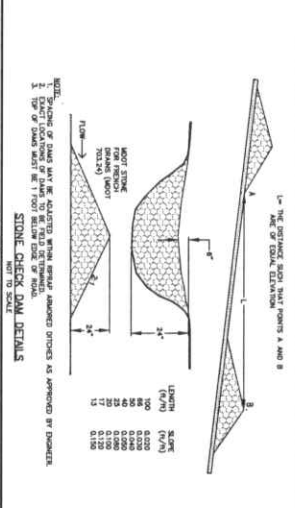
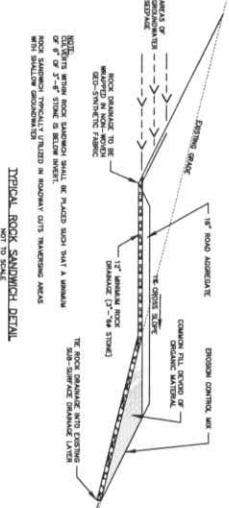
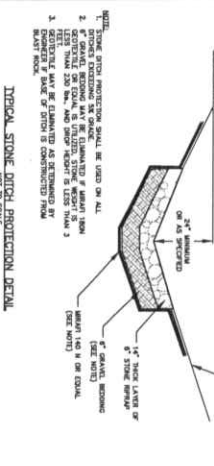
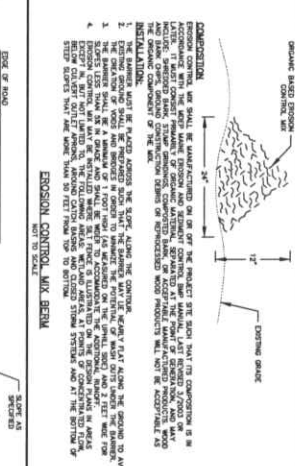
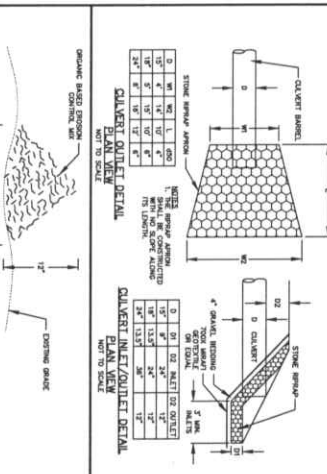
LOCATION PLAN LEGEND PROPOSED SUBSTATION LOCATION PROPOSED GENERATOR LEAD EXISTING ROAD EXISTING RAILROAD EXISTING WATERWAY

GENERAL NOTES

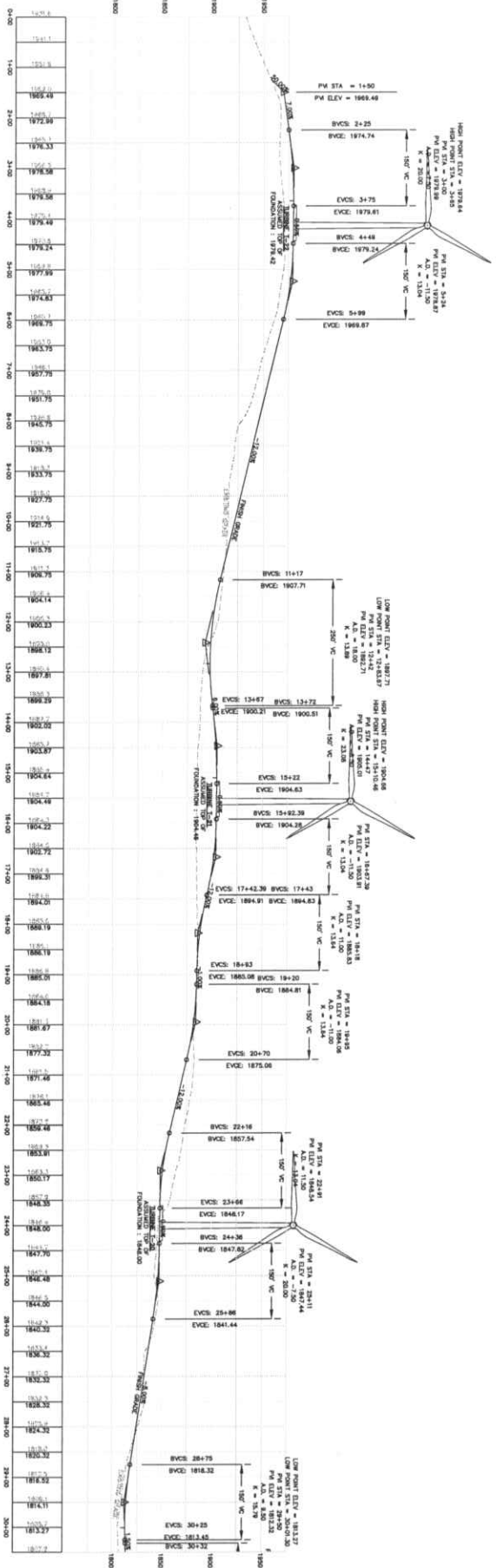
1. THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE PROJECT OWNER.
2. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE PROJECT OWNER.
3. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE PROJECT OWNER.
4. THE INFORMATION CONTAINED HEREIN IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE PROJECT OWNER.

ISSUED FOR PERMIT REVIEW - NOT FOR CONSTRUCTION

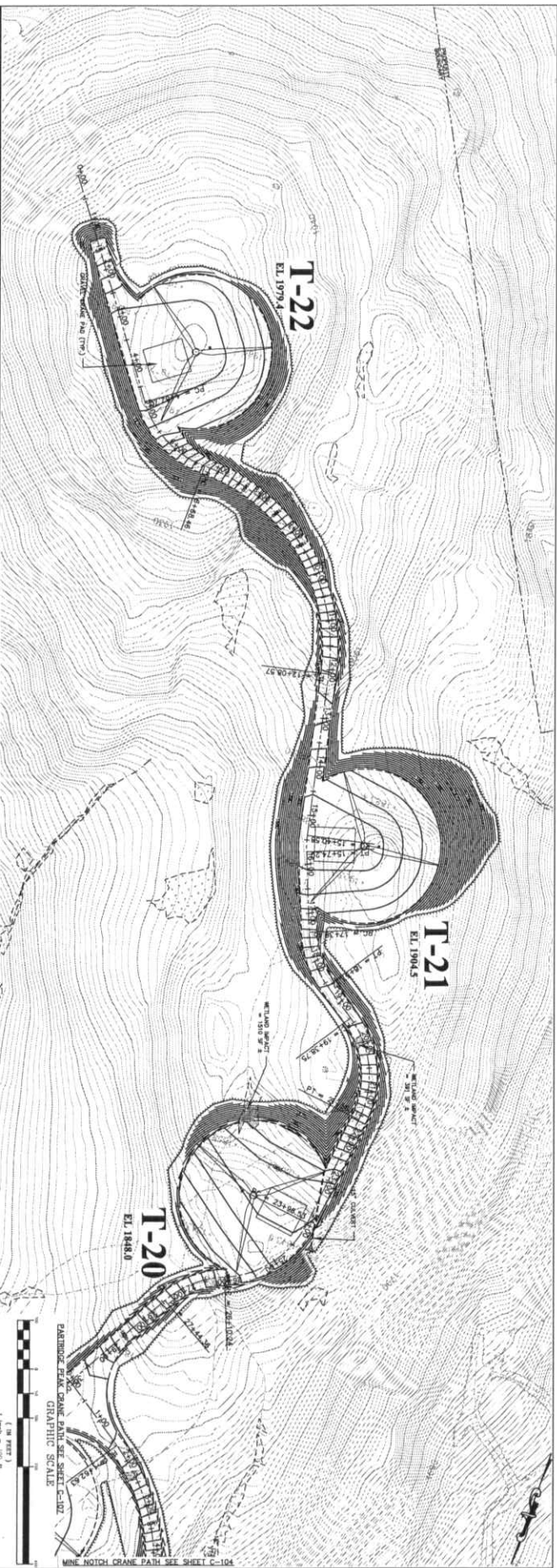
DWG. SHEET 101-1010 2 OF 6	Independence Wind, LLC THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE PROJECT OWNER.	RECORD HILL 34.5 KV GENERATOR LEAD INDEX SHEET	SGC ENGINEERING, LLC 110 FORESIDE ROAD, CUMBERLAND FORESIDE, ME 04110 748002 JULY 10, 2009 AS NOTED	REVISIONS: NO. 1 DATE: 07/10/09	APPD. DATE: 07/10/09
	RECORD HILL WIND PROJECT OXFORD COUNTY, MAINE RECORD HILL WIND LLC	SGC ENGINEERING, LLC 110 FORESIDE ROAD, CUMBERLAND FORESIDE, ME 04110 748002 JULY 10, 2009 AS NOTED	REVISIONS: NO. 1 DATE: 07/10/09	APPD. DATE: 07/10/09	APPD. DATE: 07/10/09



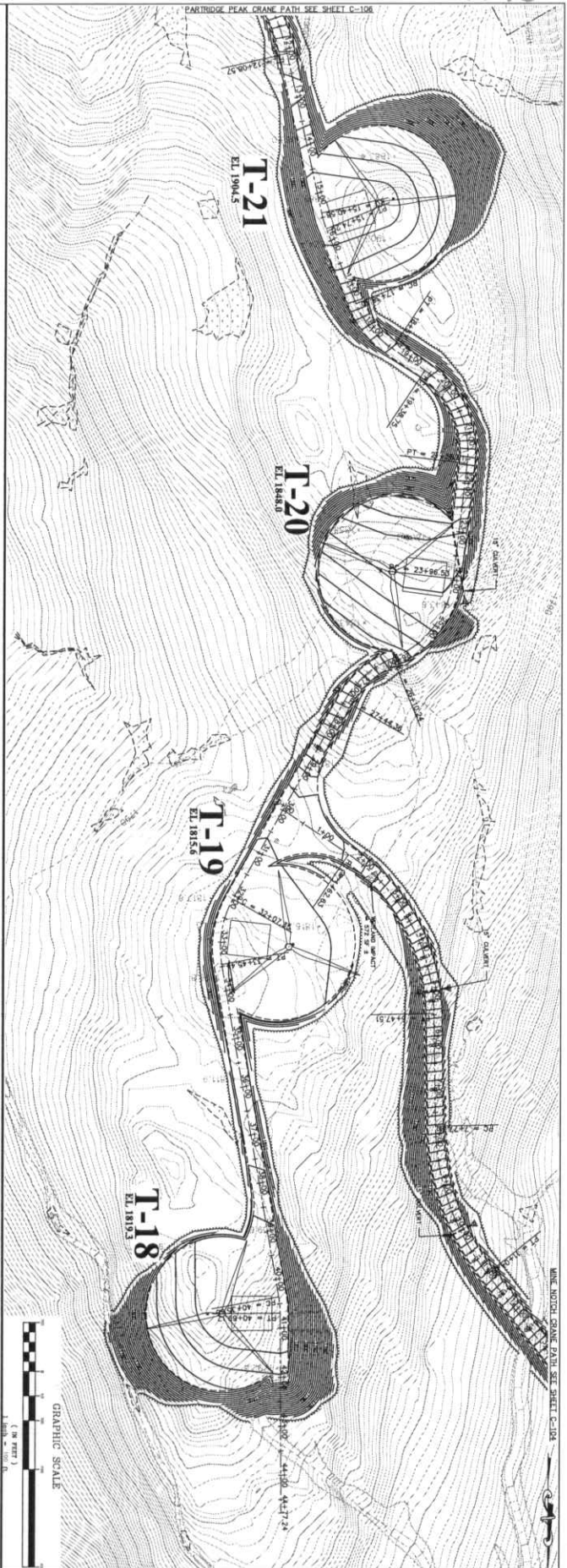
1144



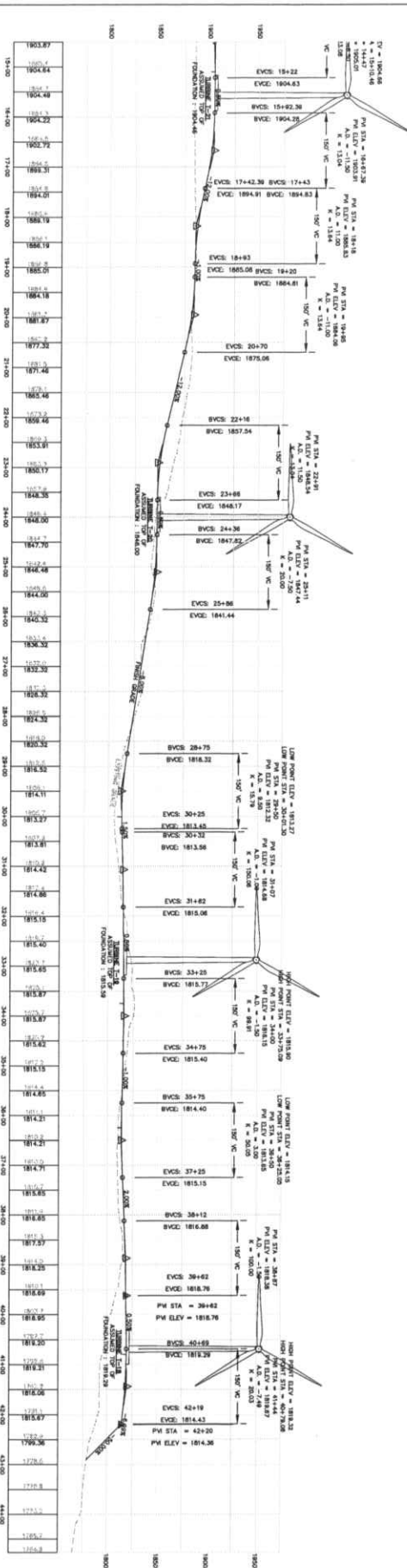
PARTRIDGE PEAK CRANE PATH STA 0+00 - 30+50



PERMIT C-106	61040E	SEWALL AN INTEGRATED TEAM OF GEOSPATIAL, ENGINEERING, SURVEYING AND NATURAL RESOURCE CONSULTANTS JAMES W. SEWALL COMPANY • Since 1880 SERIALS/CON		RECORD HILL WIND LLC RECORD HILL WIND		Designed By BCH	Drawn By JCH	Rev. #	Desc. To	Description	Date
				Project Location ROXBURY, MAINE		Date 07/06/2008	Scale H: 1"=100' V: 1"=60'	Approved BCH	Checked PG		
PLAN AND PROFILE - PARTRIDGE PEAK ROAD STA 0+00 - 30+50											

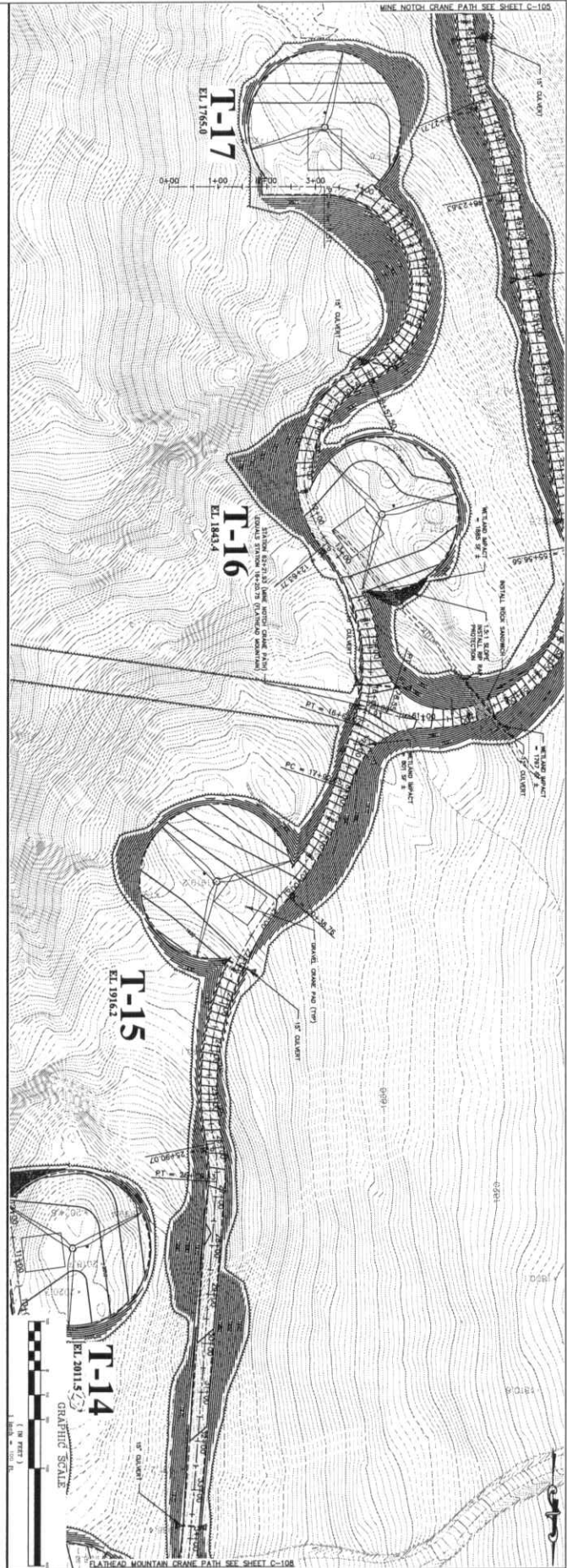
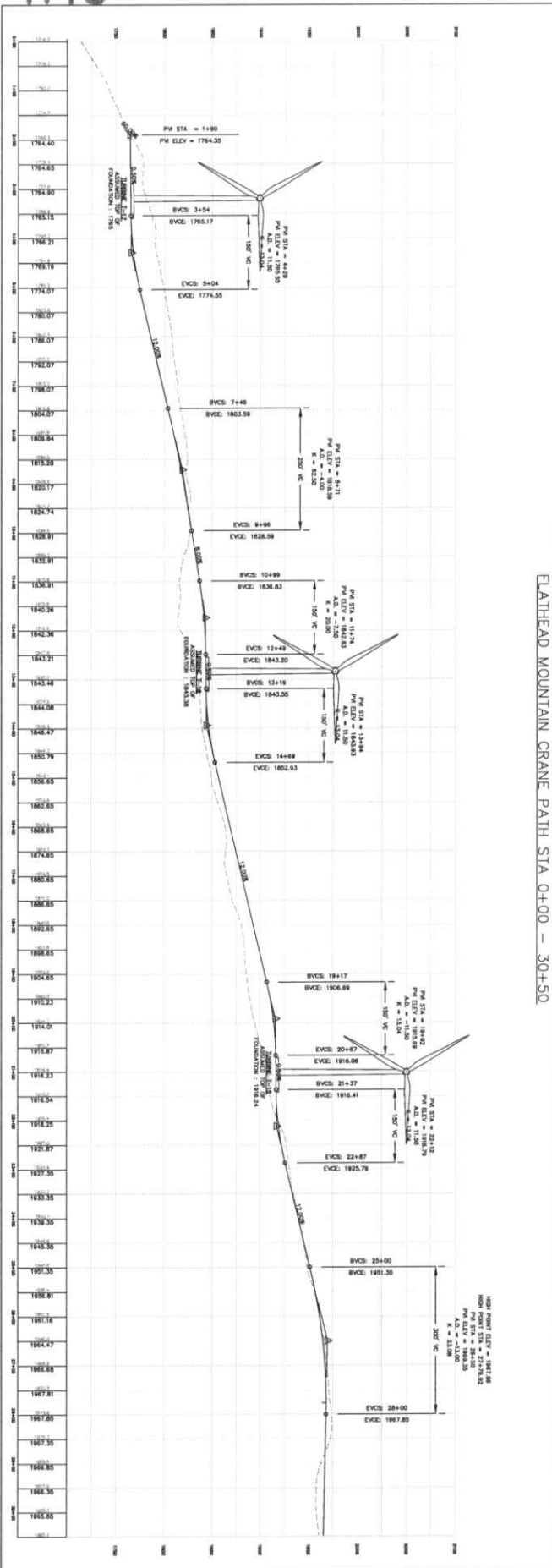


PARTRIDGE PEAK CRANE PATH STA 15+00 - 44+77.24

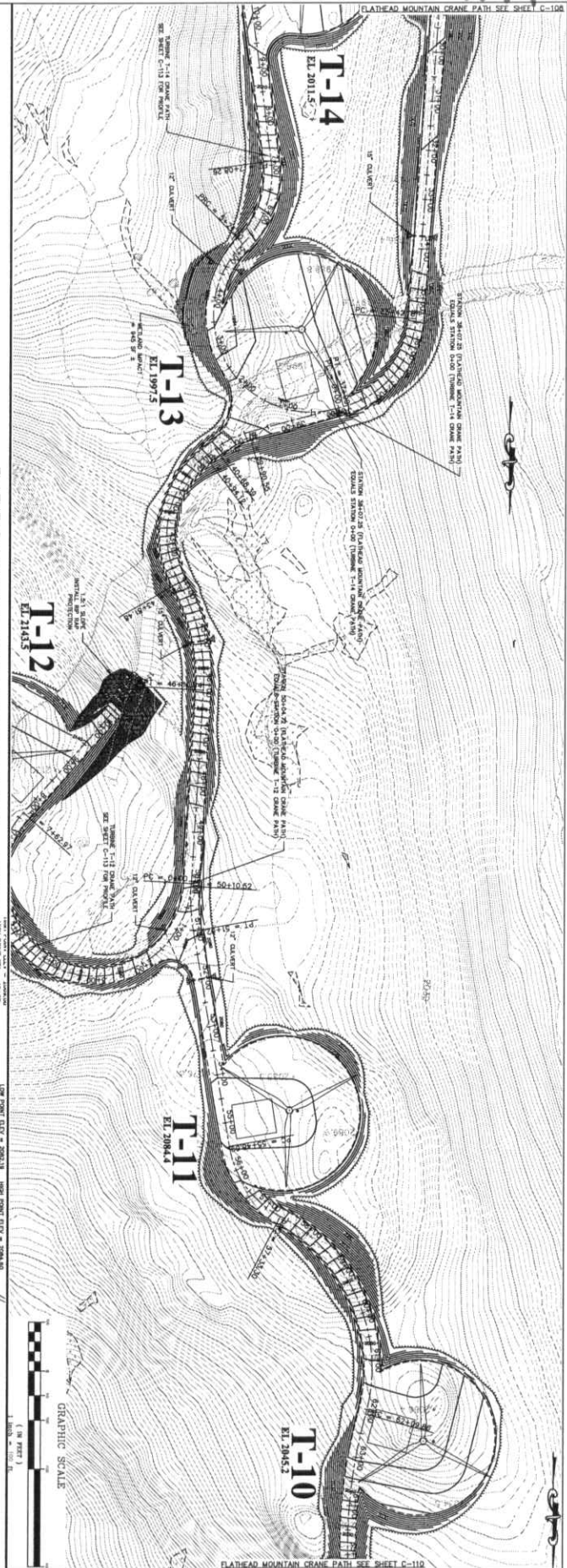
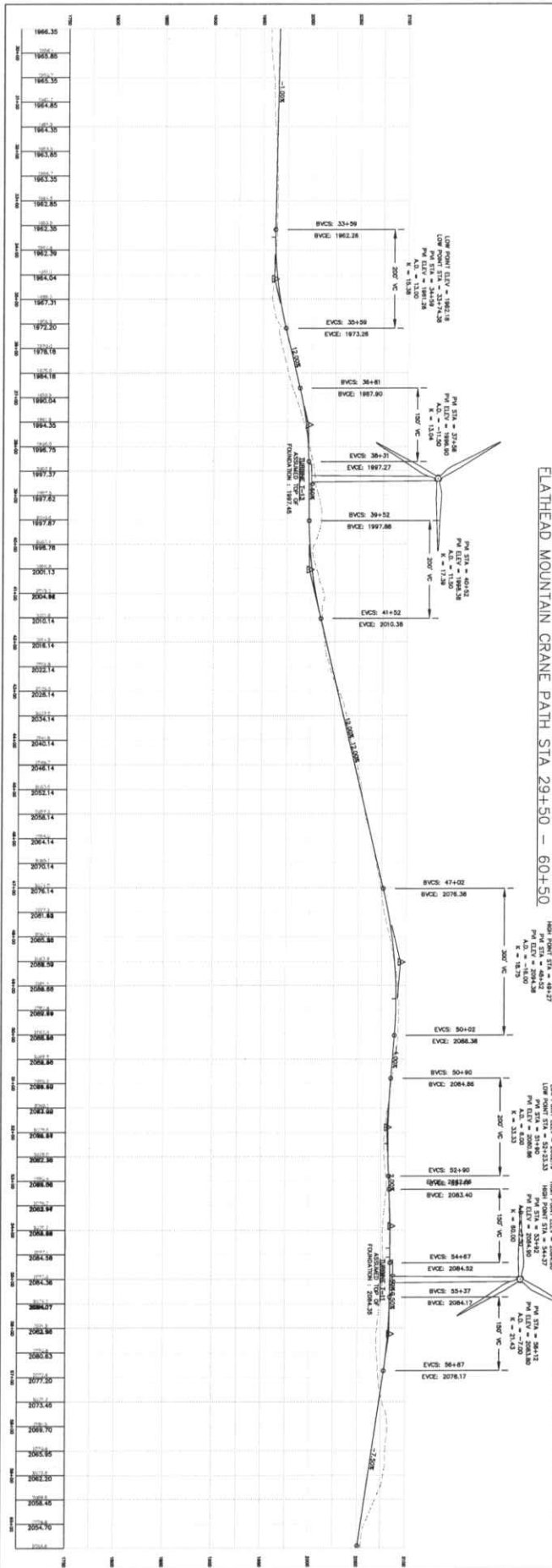


PERMIT C-107	61040E SEWALL JAMES W. SEWALL COMPANY • SINCE 1880 400 141 430	RECORD HILL WIND LLC RECORD HILL WIND Project Location ROXBURY, MAINE Drawing Description PLAN AND PROFILE - PARTRIDGE PEAK ROAD STA 15+00 - 44+77.24	Designed By BCH Date 07/26/2008 Scale H:1"=100' V:1"=60' Approved BCH Checked PG	Name of Design Engineer Date Title Date

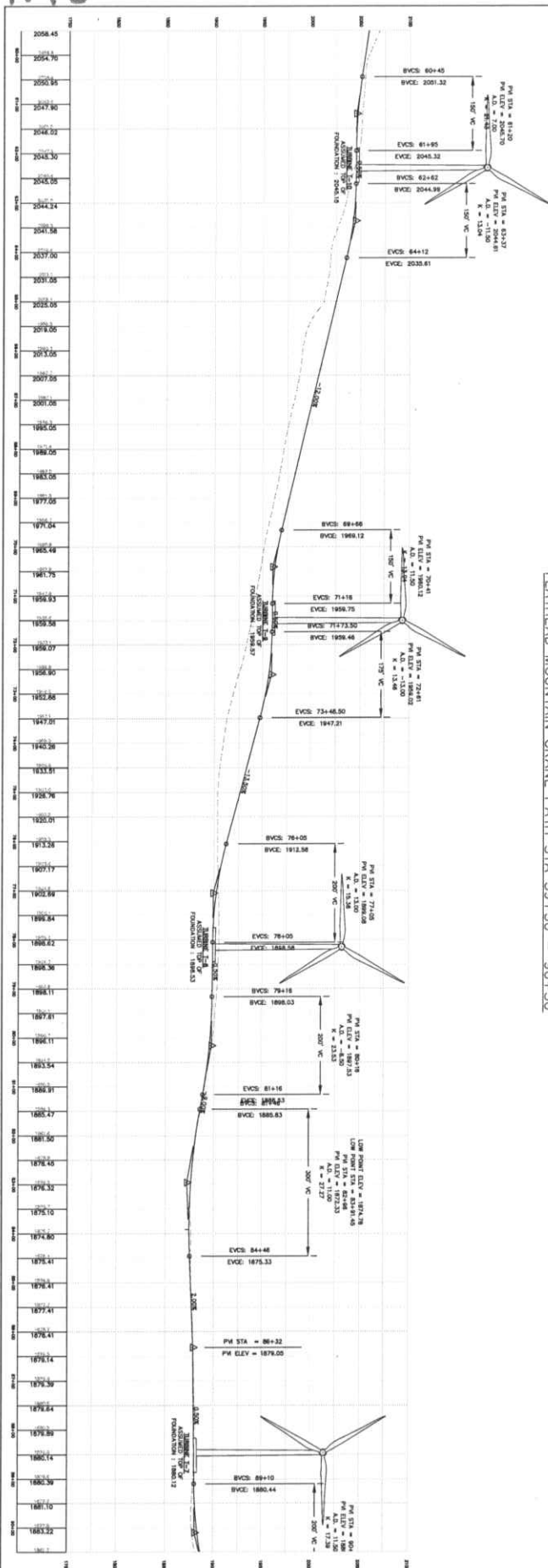
1146



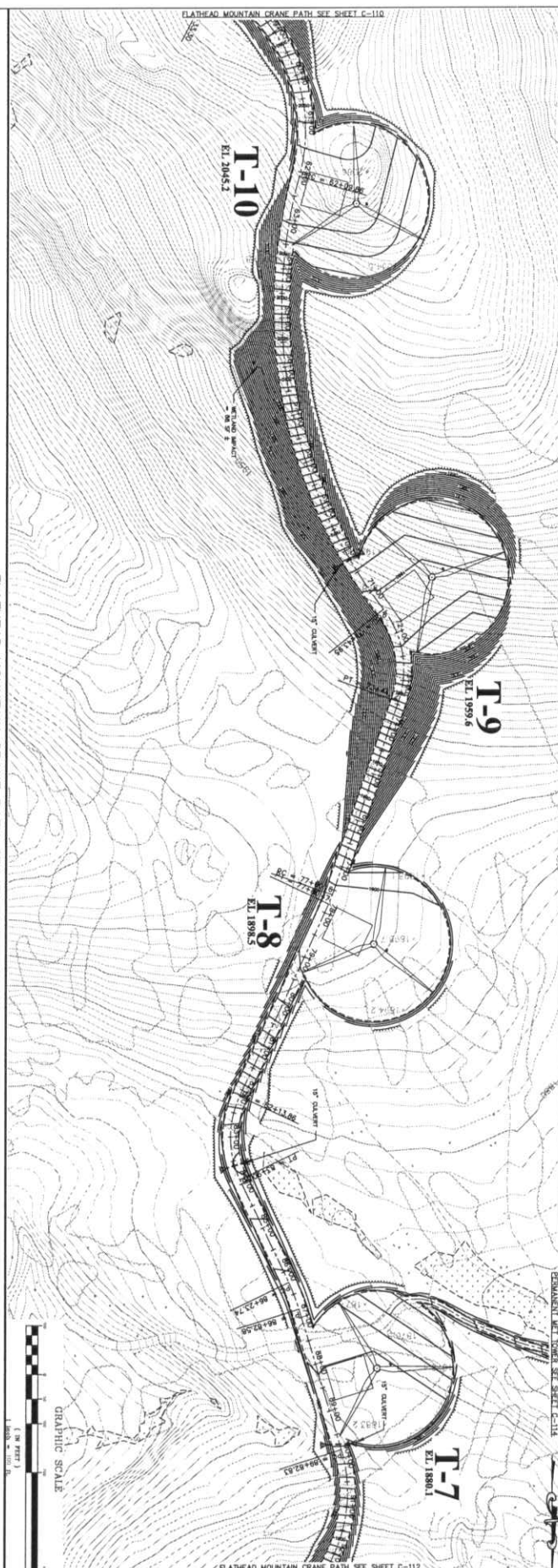
PERMIT C-108	61040E SEWALL JAMES W. SEWALL COMPANY Since 1880 BRILLIANCE	RECORD HILL WIND LLC RECORD HILL WIND ROXBURY, MAINE PLAN AND PROFILE - FLATHEAD MTN ROAD STA 0+00 - 30+50	Designed By: BCH Drawn By: JCH Date: 07/26/2008 Scale: H:1"=100' V:1"=50' Approved: BCH PG	Rev. # (Orig. By) Description 1 2 3 4 5 6 7 8 9 10





PERMIT C-109	61040E	SEWALL JAMES W. SEWALL COMPANY / Since 1880 801-418-4302	RECORD HILL WIND LLC RECORD HILL WIND	Developed By BOH	Drawn By JCH
				Date 07/06/2008	Scale H:1"=100' V:1"=60'
Project Location ROXBURY, MAINE				Approved BOH	Reviewed PG
Drawing Description PLAN AND PROFILE - FLATHEAD MTH ROAD STA 29+50 - 60+50					

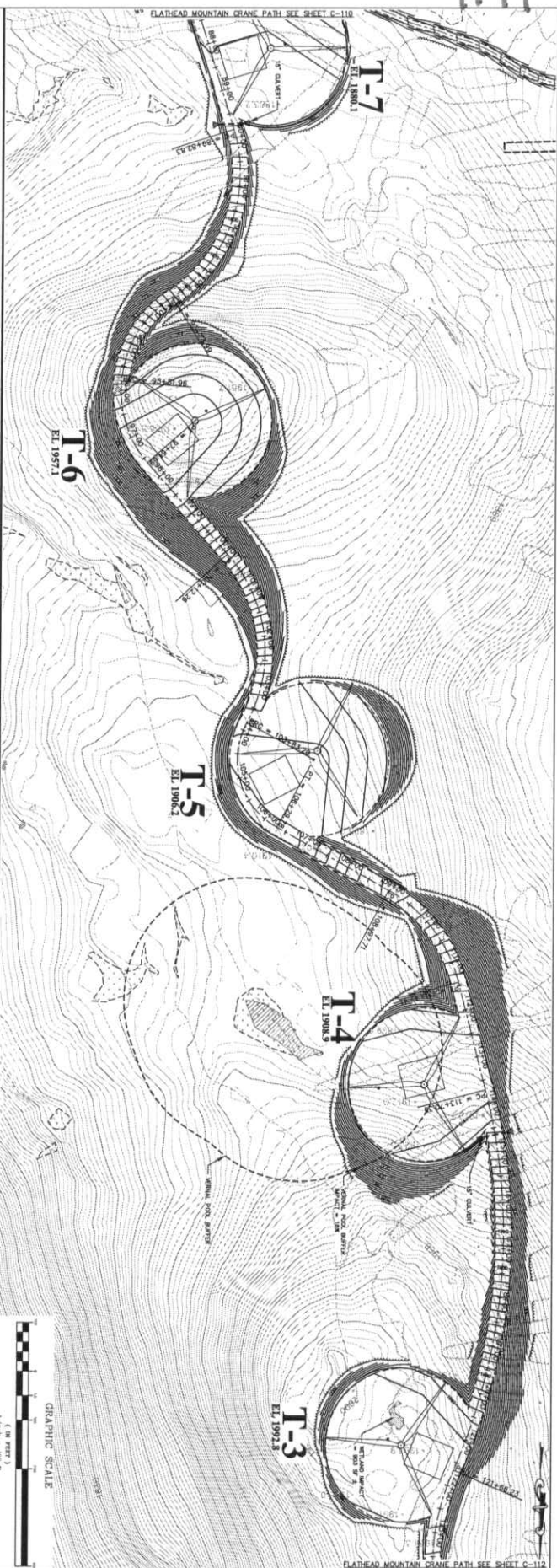
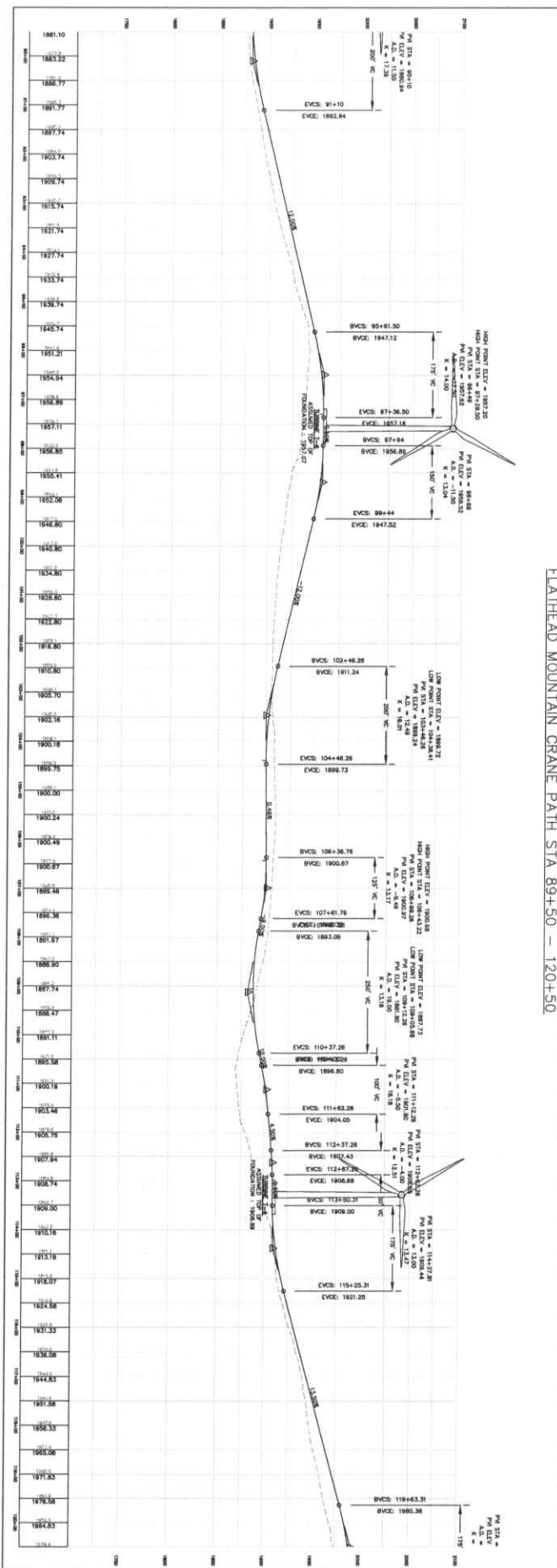


FLATHEAD MOUNTAIN CRANE PATH STA 59+50 - 90+50



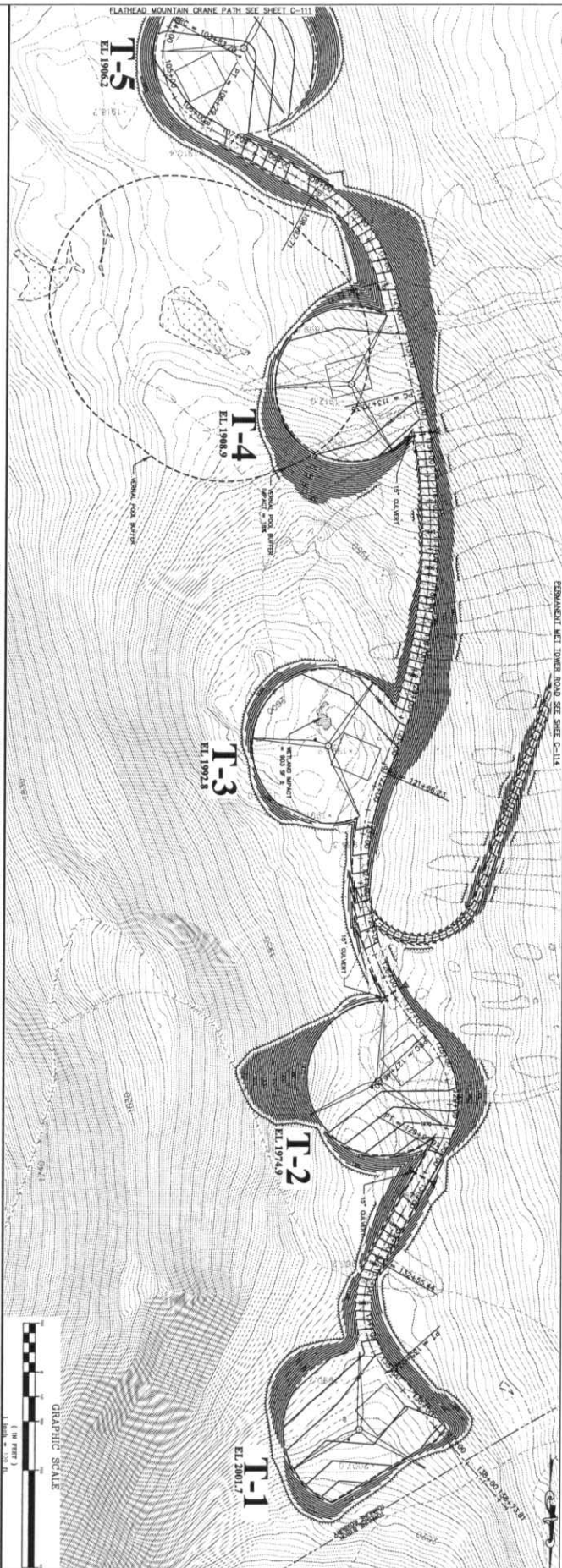
C-110	PERMIT	Project No: 61040E		RECORD HILL WIND LLC RECORD HILL WIND	Designed By BOH	Drawn By JCH	Rev. # (Dep. No.) Description	Date		
		 SEWALL JAMES W. SEWALL COMPANY / Since 1880 SEWALLCON / 603 453 1302		AN INTEGRATED TEAM OF GEOSPATIAL ENGINEERING SURVEYING AND NATURAL RESOURCE CONSULTANTS	Date 07/06/2008					
		Project Location ROXBURY, MAINE		Scale H:1"=100' V:1"=60'						
		Drawing Description PLAN AND PROFILE - FLATHEAD MTH ROAD STA. 98+50 - 98+50		Approved BOH	Checked PG					

1149



PERMIT C-111	Project No: 61040E SEWALL JAMES W. SEWALL COMPANY / Since 1880 SEWALL.COM 400.441.5202	RECORD HILL WIND LLC RECORD HILL WIND Project Location: ROXBURY, MAINE Drawing Description: PLAN AND PROFILE - FLATHEAD MTH ROAD STA 89+50 - 120+50	Designed By: BCH Date: 07/26/2008 Scale: H:1"=100' V:1"=50' Approved: BCH	Checked By: GH Date: 07/26/2008 Scale: H:1"=100' V:1"=50' Approved: PG	Sheet # 1 of 1 Date: 07/26/2008
	Project Location: ROXBURY, MAINE				
	Drawing Description: PLAN AND PROFILE - FLATHEAD MTH ROAD STA 89+50 - 120+50				
	Approved: BCH				

1000.36
1001.77
1003.00
1004.22
1005.45
1006.68
1007.91
1009.14
1010.37
1011.60
1012.83
1014.06
1015.29
1016.52
1017.75
1018.98
1020.21
1021.44
1022.67
1023.90
1025.13
1026.36
1027.59
1028.82
1030.05
1031.28
1032.51
1033.74
1034.97
1036.20
1037.43
1038.66
1039.89
1041.12
1042.35
1043.58
1044.81
1046.04
1047.27
1048.50
1049.73
1050.96
1052.19
1053.42
1054.65
1055.88
1057.11
1058.34
1059.57
1060.80
1062.03
1063.26
1064.49
1065.72
1066.95
1068.18
1069.41
1070.64
1071.87
1073.10
1074.33
1075.56
1076.79
1078.02
1079.25
1080.48
1081.71
1082.94
1084.17
1085.40
1086.63
1087.86
1089.09
1090.32
1091.55
1092.78
1094.01
1095.24
1096.47
1097.70
1098.93
1100.16
1101.39
1102.62
1103.85
1105.08
1106.31
1107.54
1108.77
1110.00
1111.23
1112.46
1113.69
1114.92
1116.15
1117.38
1118.61
1119.84
1121.07
1122.30
1123.53
1124.76
1125.99
1127.22
1128.45
1129.68
1130.91
1132.14
1133.37
1134.60
1135.83
1137.06
1138.29
1139.52
1140.75
1141.98
1143.21
1144.44
1145.67
1146.90
1148.13
1149.36
1150.59
1151.82
1153.05
1154.28
1155.51
1156.74
1157.97
1159.20
1160.43
1161.66
1162.89
1164.12
1165.35
1166.58
1167.81
1169.04
1170.27
1171.50
1172.73
1173.96
1175.19
1176.42
1177.65
1178.88
1180.11
1181.34
1182.57
1183.80
1185.03
1186.26
1187.49
1188.72
1189.95
1191.18
1192.41
1193.64
1194.87
1196.10
1197.33
1198.56
1199.79
1201.02
1202.25
1203.48
1204.71
1205.94
1207.17
1208.40
1209.63
1210.86
1212.09
1213.32
1214.55
1215.78
1217.01
1218.24
1219.47
1220.70
1221.93
1223.16
1224.39
1225.62
1226.85
1228.08
1229.31
1230.54
1231.77
1233.00
1234.23
1235.46
1236.69
1237.92
1239.15
1240.38
1241.61
1242.84
1244.07
1245.30
1246.53
1247.76
1248.99
1250.22
1251.45
1252.68
1253.91
1255.14
1256.37
1257.60
1258.83
1260.06
1261.29
1262.52
1263.75
1264.98
1266.21
1267.44
1268.67
1269.90
1271.13
1272.36
1273.59
1274.82
1276.05
1277.28
1278.51
1279.74
1280.97
1282.20
1283.43
1284.66
1285.89
1287.12
1288.35
1289.58
1290.81
1292.04
1293.27
1294.50
1295.73
1296.96
1298.19
1299.42
1300.65
1301.88
1303.11
1304.34
1305.57
1306.80
1308.03
1309.26
1310.49
1311.72
1312.95
1314.18
1315.41
1316.64
1317.87
1319.10
1320.33
1321.56
1322.79
1324.02
1325.25
1326.48
1327.71
1328.94
1330.17
1331.40
1332.63
1333.86
1335.09
1336.32
1337.55
1338.78
1340.01
1341.24
1342.47
1343.70
1344.93
1346.16
1347.39
1348.62
1349.85
1351.08
1352.31
1353.54
1354.77
1356.00
1357.23
1358.46
1359.69
1360.92
1362.15
1363.38
1364.61
1365.84
1367.07
1368.30
1369.53
1370.76
1371.99
1373.22
1374.45
1375.68
1376.91
1378.14
1379.37
1380.60
1381.83
1383.06
1384.29
1385.52
1386.75
1387.98
1389.21
1390.44
1391.67
1392.90
1394.13
1395.36
1396.59
1397.82
1399.05
1400.28
1401.51
1402.74
1403.97
1405.20
1406.43
1407.66
1408.89
1410.12
1411.35
1412.58
1413.81
1415.04
1416.27
1417.50
1418.73
1419.96
1421.19
1422.42
1423.65
1424.88
1426.11
1427.34
1428.57
1429.80
1431.03
1432.26
1433.49
1434.72
1435.95
1437.18
1438.41
1439.64
1440.87
1442.10
1443.33
1444.56
1445.79
1447.02
1448.25
1449.48
1450.71
1451.94
1453.17
1454.40
1455.63
1456.86
1458.09
1459.32
1460.55
1461.78
1463.01
1464.24
1465.47
1466.70
1467.93
1469.16
1470.39
1471.62
1472.85
1474.08
1475.31
1476.54
1477.77
1479.00
1480.23
1481.46
1482.69
1483.92
1485.15
1486.38
1487.61
1488.84
1490.07
1491.30
1492.53
1493.76
1494.99
1496.22
1497.45
1498.68
1499.91
1501.14
1502.37
1503.60
1504.83
1506.06
1507.29
1508.52
1509.75
1510.98
1512.21
1513.44
1514.67
1515.90
1517.13
1518.36
1519.59
1520.82
1522.05
1523.28
1524.51
1525.74
1526.97
1528.20
1529.43
1530.66
1531.89
1533.12
1534.35
1535.58
1536.81



115a